14089046605 From: Thomas Berthold

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PTO/SB/21 (04-04)
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TRANSMITTAL				Application Number	10/	10/788,687						
				Filing Date	02/26/2004							
	FO	RM		First Named Inventor	Но	Hoa Do 3713						
(to be used for	ali comesp	ondence after initial f	iling)	Art Unit	371							
			Examiner Name	Not assigned								
Total Number of	Pages in	This Submission	в	Attorney Docket Number HSJ920040				S1				
ENCLOSURES (Check all that apply)												
Centried Copy of Phonity			Rema	Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Addre Terminal Disclaimer Request for Refund CD, Number of CD(s) rks s is a Preliminary American		After Allowance communication to Technology Center (TC) Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please Identify below):						
		to Missing Parts FR 1.52 or 1.53										
		SIGNA	TURE (OF APPLICANT, ATTORNI	EY, O	R AGENT						
Firm or Individual name Thomas R. Berthold												
Signature / Thomas R. Bertho		old /					· · · · · · · · · · · · · · · · · · ·					
Date 1/18/2005												
		CE	RTIFIC	CATE OF TRANSMISSION	/MAII	LING						
	as first o	rrespondence is be	eing facsi	imile transmitted to the USPTO or Idressed to: Commissioner for Pat	deposi	ited with the						
Typed or printed name Thomas R. B			. Bertl	nold								
Signature		/ Thomas R. Berthold /					Date	1/18/2005				

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04)

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FEE TRANSMITTAL FOR FY 2005 Application Number 10/788,687	Application Number 107 / 60,605 Fee (5)		ive on 12/08/2					ompiete	II KIIOW	11			
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Applicant claims small entity status. See 37 CFR 1.27 TOTAL AMOUNT OF PAYMENT (\$) 0 METHOD OF PAYMENT (check all that apply) Check Credit Card Money Order South Number 502587 Deposit Account Name, Hitachi Global Storage Technologies For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) V Charge fee(s) indicated below Charge fee(s) indicated below Under 37 CFR 1.16 and 1.17 WARNING: Information on this form may become public. Credit card information about not be included on this form. Provide credit card information and authorization on PTO-2038. FEE CALCULATION 1. BASIC FILING, FEES Small Entity Application Type Fee(5) Fee(5) Fee(5) Fee(5) Fee(5) Fee(6) F	Examiner Name Not assigned Art Unit 3713 METHOD OF PAYMENT (check all that apply) Check Credit Card Money Order None Other (please identify):					Filing Date		02/26/2004					
Applicant claims small entity status. See 37 CFR 1.27 TOTAL AMOUNT OF PAYMENT (\$) 0 Attorney Docket No. HSJ920040016US1 METHOD OF PAYMENT (check all that apply) Check Credit Card Money Order None Other (please identify): Deposit Account Deposit Account Number 502587 Deposit Account Name: Hitachi Global Storage Technologies For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below Charge fee(s) indicated below. except for the filling fee Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. FEE CALCULATION 1. BASIC FILING, SEARCH, AND EXAMINATION FEES FILING FEES SEARCH FEES SEARCH FEES SEARCH FEES SEARCH FEES SEARCH FEES SEARCH FEES SMall Entity Fee (\$) Fee (Applicant claims small entity status. See 37 CFR 1.27 TOTAL AMOUNT OF PAYMENT (\$) 0 Art Unit 3713 Attorney Docket No. HSJ920040016US1 METHOD OF PAYMENT (check all that apply) Check Credit Card Money Order None Other (please identify): Deposit Account Deposit Account Number: 502587 Deposit Account Name: Hillachi Global Storage Technologies For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below Charge fee(s) indicated below. except for the filing fee Charge fee(s) indicated below Charge fee(s) indicated below. except for the filing fee EXEMPLIANT AND EXAMINATION FEES Fee (S) Fe	For FY 2005				First Named Inve	ntor Hoa Do						
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SUBMITTED BY Registration No. 00 COO Telephone (400) COO C444		signature [/ Thon	nas R. Be	erthold /	- 1	(Attornov/Agent)	28,689	9 !	resepnone	= (4	UB) 3	9 5-84 1	17

Date 1/18/2005 Name (Print/Type) Thomas R. Berthold This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

INTHE UNITED STATES PATENTAND TRADEMARK OFFICE

Application No.: 10/788,687

Art Unit: 3713

Filing Date: 02/26/2004

Examiner: Not assigned

First Named Inventor: Hoa Do

Date: January 18, 2005

Title: MAGNETIC RECORDING DISK WITH

ANTIFERROMAGNETICALLY-COUPLED MAGNETIC LAYER

HAVING MULTIPLE LOWER LAYERS

PRELIMINARY AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Please preliminarily amend this application as follows: